

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MATERIAL SPECIFICATION
MS-215: “GALVANIZING”

215.1 SCOPE.

This specification governs the quality of zinc coatings applied to iron and steel products

215.2 QUALITY

Zinc coatings shall conform to the requirements of the following specifications:

Zinc coatings on products fabricated from rolled, pressed, and forged steel shapes, plates, bars, and strip, 1/8 inch thick and heavier shall conform to ASTM Specification A-123.

Zinc coatings on assembled steel products shall conform to the requirements of ASTM Specification A-386 and shall be applied in conformance with the Recommended Practice for Providing High Quality Zinc Coatings (Hot-Dip) on Assembled products (ASTM Designation A-385.)

Zinc coatings on iron and steel hardware shall conform to the requirements of ASTM Specification A-153, except that bolts, screws, and other fasteners 1/2 inch or less in diameter may be coated with electro-deposited zinc or cadmium coating conforming to the requirements of ASTM Specification A-165, Type TS, or ASTM Specification B-633, Service Condition SC-3 unless otherwise specified.